

## Content aware multi-focus image fusion for high-magnification blood film microscopy: supplement

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# Content Aware Multi-focus Image Fusion for High-Magnification Blood Film Microscopy : supplemental document

The use of the combined loss proposed in equation (2) during training improves the fusion outputs compared to a simple L1 (MAE) loss (Fig. S1).

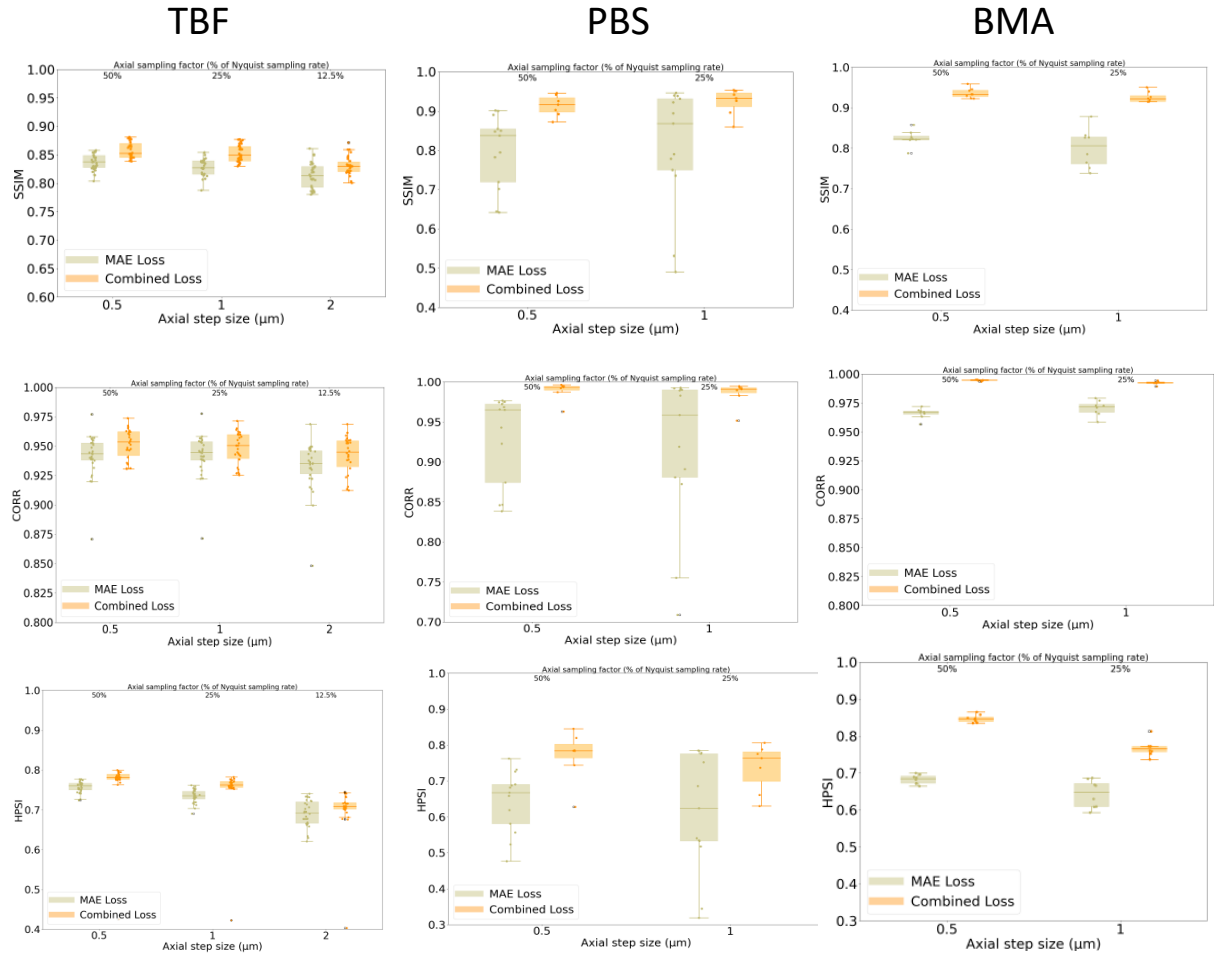


Fig. S1. Effect of the combined loss function during training on CAMI fusion models applied to the test dataset with respect to the ground-truth EDoF obtained with the full stacks (axial step size 0.5). TBF: Thick Blood Film. PBS: Peripheral Blood Smear. BMA: Bone Marrow Aspirate. SSIM: Structural Similarity Index [25]. CORR: Pearson Correlation Coefficient [27]. HPSI: Haar wavelet-based perceptual similarity index [28].